

Amendments to the Claims

- 1-4. (Cancelled)
5. (Currently Amended) ~~The system of claim 3 further comprising:~~ A system for displaying information from a first display source and from a second display source on a display device, the system comprising:
 a presentation surface set associated with the display device, wherein the presentation surface set comprises a presentation flipping chain, the presentation flipping chain comprising a primary presentation surface and a presentation back buffer;
 a first display memory surface set associated with the first display source;
 a second display memory surface set associated with the second display source;
 a graphics arbiter, distinct from the first display source and from the second display source, for transferring display information from the first display memory surface set and from the second display memory surface set to the presentation surface set, wherein the graphics arbiter transfers display information to the presentation back buffer;
 and
 a comparator for comparing contents of the presentation back buffer with contents of a buffer immediately preceding the presentation back buffer in the presentation flipping chain and, if the contents match, for inhibiting a flip in the presentation flipping chain.
- 6-8. (Cancelled)

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9. (Currently Amended) ~~The system of claim 1~~ A system for displaying information from a first display source and from a second display source on a display device, the system comprising:
 a presentation surface set associated with the display device;
 a first display memory surface set associated with the first display source;
 a second display memory surface set associated with the second display source;
 and
 a graphics arbiter, distinct from the first display source and from the second display source, for transferring display information from the first display memory surface set and from the second display memory surface set to the presentation surface set,
 wherein the graphics arbiter notifies the first display source of a first estimated time when a future frame will be displayed on the display device.
10. (Original) The system of claim 9 wherein the graphics arbiter notifies the first display source in association with receiving an indication of a refresh of the display device.
11. (Original) The system of claim 9 wherein the first display source deinterlaces video to prepare display information in the first display memory surface set, the deinterlacing based, at least in part, on the first estimated frame display time.
12. (Original) The system of claim 9 wherein the first display source interpolates video to prepare display information in the first display memory surface set, the interpolating based, at least in part, on the first estimated frame display time.
- 13, 14. (Cancelled)

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15. (Currently Amended) ~~The system of claim 1~~ A system for displaying information from a first display source and from a second display source on a display device, the system comprising:
 a presentation surface set associated with the display device;
 a first display memory surface set associated with the first display source;
 a second display memory surface set associated with the second display source;
 and
 a graphics arbiter, distinct from the first display source and from the second display source, for transferring display information from the first display memory surface set and from the second display memory surface set to the presentation surface set,
 wherein the graphics arbiter provides occlusion information to the first display source.
- 16-26. (Cancelled)
27. (Currently Amended) ~~The method of claim 25 further comprising:~~ A method for a graphics arbiter, distinct from a first display source and from a second display source, to display information from the first display source and from the second display source on a display device, the method comprising:
 gathering display information from a first display memory surface set associated with the first display source;
 gathering display information from a second display memory surface set associated with the second display source;
 transferring display information from the first display memory surface set and from the second display memory surface set to a presentation surface set associated with the display device, wherein transferring display information comprises transferring display information to a presentation back buffer of a presentation flipping chain of the presentation surface set; and
 comparing contents of the presentation back buffer with contents of a buffer immediately preceding the presentation back buffer in the presentation flipping chain
 and, if the contents match, inhibiting a flip in the presentation flipping chain.
- 28, 29. (Cancelled)

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30. (Currently Amended) ~~The method of claim 22 further comprising:~~ A method for a graphics arbiter, distinct from a first display source and from a second display source, to display information from the first display source and from the second display source on a display device, the method comprising:
gathering display information from a first display memory surface set associated with the first display source;
gathering display information from a second display memory surface set associated with the second display source;
transferring display information from the first display memory surface set and from the second display memory surface set to a presentation surface set associated with the display device; and
notifying the first display source of an estimated time when a future frame will be displayed on the display device.
31. (Original) The method of claim 30 wherein the notifying of the first display source is associated with receiving an indication of a refresh of the display device.
32. (Original) The method of claim 30 wherein the first display source deinterlaces video to prepare display information in the first display memory surface set, the deinterlacing based, at least in part, on the estimated frame display time.
33. (Original) The method of claim 30 wherein the first display source interpolates video to prepare display information in the first display memory surface set, the interpolating based, at least in part, on the estimated frame display time.
- 34, 35. (Cancelled)

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36. (Currently Amended) ~~The method of claim 22 further comprising:~~ A method for a graphics arbiter, distinct from a first display source and from a second display source, to display information from the first display source and from the second display source on a display device, the method comprising:
 gathering display information from a first display memory surface set associated with the first display source;
 gathering display information from a second display memory surface set associated with the second display source;
 transferring display information from the first display memory surface set and from the second display memory surface set to a presentation surface set associated with the display device; and
 providing occlusion information to the first display source.

37-42. (Cancelled)